



SHEET 2

SHEET 3

SHEET 4

SHEET 5

SHEET 6

SHEET 1

JOHN VERTENTE BLVD

JOHN VERTENTE BLVD

SAMUEL BARNETT BLVD

SAMUEL BARNETT BLVD

CITY OF NEW BEDFORD  
TOWN OF DARTMOUTH

| REV # | DESCRIPTION                   | DATE     |
|-------|-------------------------------|----------|
| 1     | REVS FROM LEC ENV. MPO        | 10/23/14 |
| 2     | REVS FROM DAVE FLEWELLING JKM | 10/23/14 |
| 3     | REVS PER MARK MANGANELLO MPO  | 10/31/14 |
| 4     | REVS PER MARK MANGANELLO MPO  | 11/04/14 |

NOTES:  
EXISTING UTILITIES SHOWN ARE APPROXIMATE AND NOT WARRANTED TO BE CORRECT. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO BEGINNING ANY EXCAVATION.

 **CALL BEFORE YOU DIG UNDERGROUND SERVICE ALERT 72 HOURS NOTICE REQUIRED. ENTER 1-888-DIG-SAFE**

NOTES:  
SQUARE FOOTAGE OF TRENCH AREA IN WETLANDS BUFFER = 4,482 ft<sup>2</sup>  
SQUARE FOOTAGE OF TRENCH AREA IN RIVERFRONT BUFFER = 2,316 ft<sup>2</sup>

**CURRENT ROAD CONDITIONS:**  
PAVEMENT: ASPHALT  
CURBING: GRANITE  
SIDEWALK(S): CONCRETE

| LEGEND |               |   |                    |   |           |   |              |   |             |   |        |   |         |   |               |   |                  |   |             |   |           |   |            |   |          |   |            |   |         |   |          |   |          |   |              |   |             |   |         |   |          |   |     |   |            |   |          |   |             |   |                  |   |            |   |           |   |                 |   |             |   |             |       |              |     |         |     |            |     |       |        |                |           |            |            |             |           |                  |
|--------|---------------|---|--------------------|---|-----------|---|--------------|---|-------------|---|--------|---|---------|---|---------------|---|------------------|---|-------------|---|-----------|---|------------|---|----------|---|------------|---|---------|---|----------|---|----------|---|--------------|---|-------------|---|---------|---|----------|---|-----|---|------------|---|----------|---|-------------|---|------------------|---|------------|---|-----------|---|-----------------|---|-------------|---|-------------|-------|--------------|-----|---------|-----|------------|-----|-------|--------|----------------|-----------|------------|------------|-------------|-----------|------------------|
| X      | ELECTRIC POLE | ⊗ | JOINT UTILITY POLE | ⊠ | LAMP POST | ⊡ | STREET LIGHT | ⊢ | ELECTRIC HH | ⊣ | TEL HH | ⊤ | CATV HH | ⊥ | COMM PEDESTAL | ⊦ | IRRIGATION VALVE | ⊧ | WATER METER | ⊨ | GAS METER | ⊩ | SEWER GATE | ⊪ | GAS GATE | ⊫ | WATER GATE | ⊬ | HYDRANT | ⊭ | SEWER MH | ⊮ | DRAIN MH | ⊯ | TELEPHONE MH | ⊰ | ELECTRIC MH | ⊱ | CATV MH | ⊲ | WATER MH | ⊳ | PAG | ⊴ | BUSH/SHRUB | ⊵ | MAIL BOX | ⊶ | STONE BOUND | ⊷ | PARKING METER(S) | ⊸ | STEEL POST | ⊹ | SIGN POLE | ⊺ | UG CABLE MARKER | ⊻ | TRANSFORMER | ⊼ | CATCH BASIN | —R/W— | RIGHT OF WAY | —C— | CULVERT | —G— | GUARD RAIL | —F— | FENCE | —ELEC— | ELECTRIC VAULT | —TRAFFIC— | TRAFFIC HH | —PROPOSED— | PROPOSED HH | —CONDUIT— | PROPOSED CONDUIT |

PREPARED BY:  
**UC SYNERGETIC**  
21 OXFORD RD  
MANSFIELD, MA 02048  
www.ucseeng.com 1-508-337-7600

PREPARED FOR:  
**comcast**

TITLE:  
**WETLANDS PLAN OVERVIEW - JOHN VERTENTE BLVD.**

NEW BEDFORD, MA  
COMCAST - WETLANDS PLAN

SURVEYED BY: UCS  
DRAWN BY: MPO  
DATE: 10/20/14

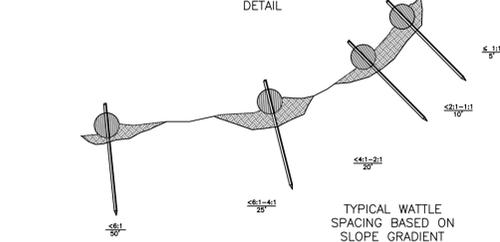
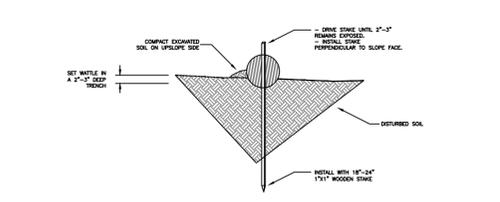
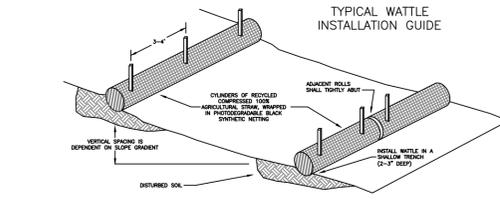
PRINT NO: OV  
SCALE: N.T.S.  
AS-BUILT:

11/4/2014 M:\CAD\COMCAST\JOHN VERTENTE BLVD\NEW BEDFORD\AA - AUTOCAD\JOHN VERTENTE BLVD - PRA\AA.RWG

**GENERAL NOTES**

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
3. THE CONTRACTOR SHOULD MAINTAIN A SEPARATION OF 18 INCHES MIN. WHEN CROSSING EXISTING WATER FACILITIES.
4. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANY.
5. THE CONTRACTOR SHALL NOT DISTURB PUBLIC TREES AND SHRUBS.
6. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING AND MAINTAINING TEMPORARY RESURFACING AND/OR PLATING FOR ALL EXCAVATIONS IN PAVED STREETS AND SIDEWALKS UNTIL PERMANENT RESURFACING IS COMPLETE.
8. JOINTS BETWEEN NEW BITUMINOUS CONCRETE ROADWAY PAVEMENT AND SAW CUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN AND BACK SANDED.
9. THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL EXISTING UTILITY LINES THAT BECOME EXPOSED DUE TO EXCAVATION REQUIRED TO INSTALL THE PROPOSED CONDUIT.
10. THE CONTRACTOR SHALL REPLACE ALL DISTURBED TRAFFIC SIGNAL LOOP DETECTORS TO GOOD WORKING CONDITION AS REQUIRED BY THE LATEST STANDARDS OF THE MUNICIPAL TRAFFIC DEPARTMENT.
11. ALL EXISTING STATE, COUNTY, CITY, AND TOWN LOCATION LINES AND PRIVATE PROPERTY LINES HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND THEIR EXACT LOCATION ARE NOT GUARANTEED.
12. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT MARKINGS IN THEIR ENTIRETY THAT HAVE BEEN DAMAGED BY TRENCH EXCAVATION OR OPERATIONS OF THE CONTRACTOR WITH SIMILAR COLOR AND SIZE THERMOPLASTIC MARKINGS.

\* - ITEM SHOWN ON UTILITY RECORDS, BUT NOT FOUND IN FIELD.



TYPICAL WATTLE SPACING BASED ON SLOPE GRADIENT

NOTE: THIS DETAIL IS TO BE USED WHEN PAVING AREAS ARE AT SUBGRADE ELEVATION.

NOTE: 1. BALES SHALL BE PLACED IN A ROW WITH THE ENDS TIGHTLY ABUTTING THE ADJACENT BALES.  
2. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.  
3. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.

TYPICAL HAYBALE FILTER DETAIL. NOT TO SCALE



FILTER BAG DETAIL. NOT TO SCALE

NOTE: FILTER BAGS SHALL BE EMPTIED/REPLACED REGULARLY TO ENSURE OPTIMUM PERFORMANCE.

USE SILTBACK BY ATLANTIC CONSTRUCTION FABRICS, INC. OR ENGINEER APPROVED EQUAL.

REPLACE EXISTING SURFACE  
6" MIN.  
PLACE WARNING TAPE  
36" SUITABLE FILL  
12"  
12"  
(1)-4" SCH 40 PVC

PROPOSED DUCT CONFIGURATION  
SOFT SHOULDER PATCH AND DUCT BANK INSTALLATION DETAIL  
N.T.S.

ASPHALT PAVEMENT IN 2 COURSES  
6" MIN.  
24" PROCESSED GRAVEL  
PLACE WARNING TAPE  
CONCRETE ENCASED  
12"  
12"  
(1)-4" SCH 40 PVC

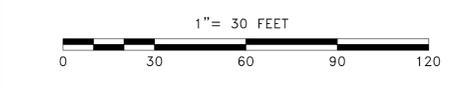
PROPOSED DUCT CONFIGURATION  
ROADWAY PATCH AND DUCT BANK INSTALLATION DETAIL  
N.T.S.

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NOTES:  
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PAVEMENT: ASPHALT  
CURBING: GRANITE  
SIDEWALK(S): CONCRETE



| LEGEND |                    |
|--------|--------------------|
| X      | ELECTRIC POLE      |
| ⊗      | JOINT UTILITY POLE |
| ⊗      | LAMP POST          |
| ⊗      | TRAFFIC LIGHT      |
| ⊗      | STREET LIGHT       |
| ⊗      | ELECTRIC HH        |
| ⊗      | TEL HH             |
| ⊗      | CATV HH            |
| ⊗      | COMM PEDESTAL      |
| ⊗      | IRRIGATION VALVE   |
| ⊗      | WATER METER        |
| ⊗      | GAS METER          |
| ⊗      | SEWER GATE         |
| ⊗      | GAS GATE           |
| ⊗      | WATER GATE         |
| ⊗      | HYDRANT            |
| ⊗      | SEWER MH           |
| ⊗      | DRAIN MH           |
| ⊗      | TELEPHONE MH       |
| ⊗      | ELECTRIC MH        |
| ⊗      | CATV MH            |
| ⊗      | WATER MH           |
| ⊗      | PAG                |
| ⊗      | BUSH/SHRUB         |
| ⊗      | MAIL BOX           |
| ⊗      | STONE BOUND        |
| ⊗      | PARKING METER(S)   |
| ⊗      | STEEL POST         |
| ⊗      | SIGN POLE          |
| ⊗      | UG CABLE MARKER    |
| ⊗      | TRANSFORMER        |
| ⊗      | CATCH BASIN        |
| -R/W-  | RIGHT OF WAY       |
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| TRAF   | TRAFFIC HH         |
| ⊗      | PROPOSED HH        |
| - - -  | PROPOSED CONDUIT   |

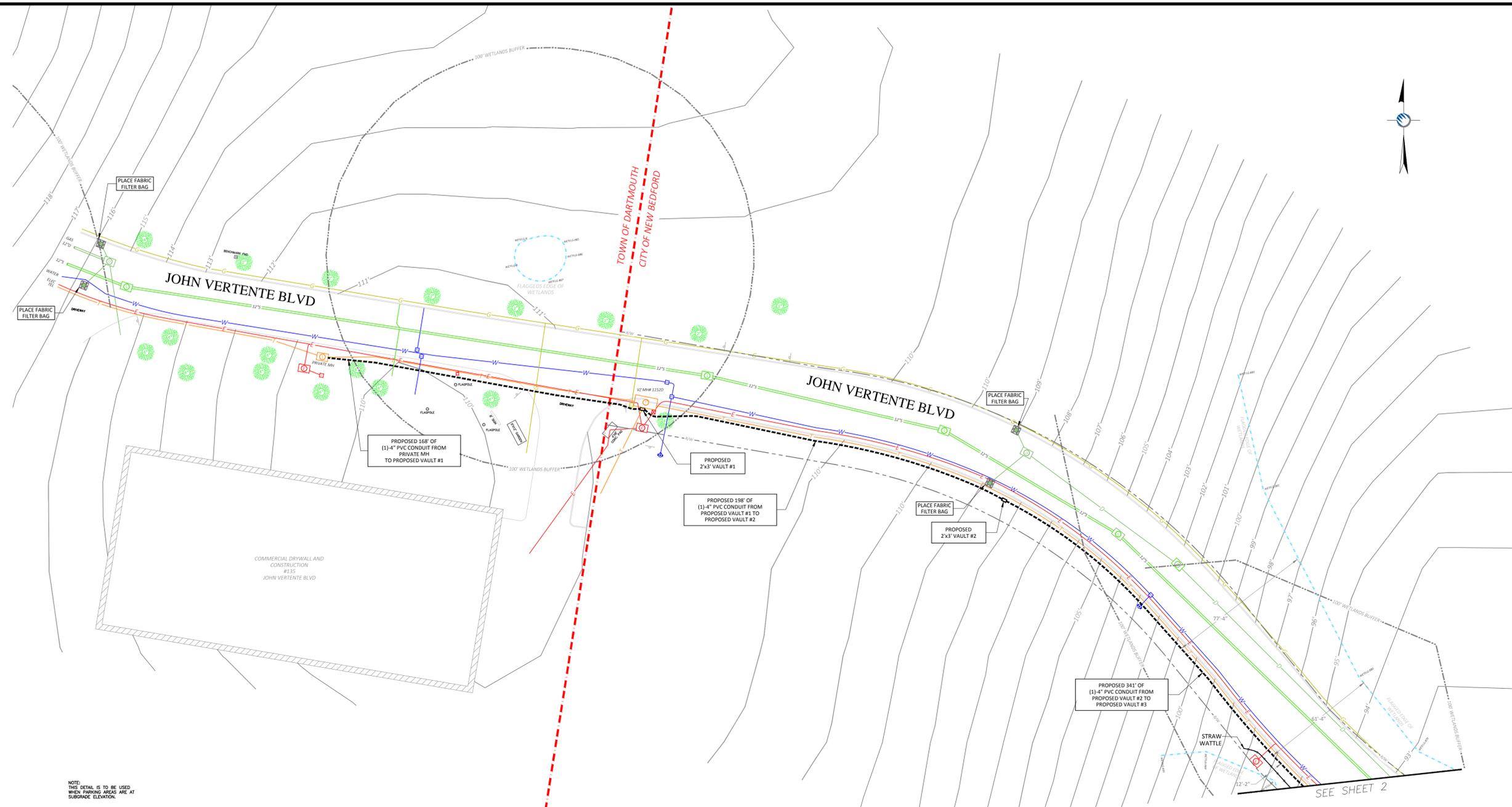
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**UC SYNERGETIC**  
Innovative Thinking. Engineered Solutions.  
21 OXFORD RD  
MANSFIELD, MA 02048  
www.ucseeng.com 1-508-337-7600

PREPARED FOR:  
**Comcast**

TITLE:  
**WETLANDS PLAN - JOHN VERTENTE BLVD.**  
NEW BEDFORD, MA  
COMCAST - WETLANDS PLAN

SURVEYED BY: UCS  
DRAWN BY: MPO  
DATE: 10/20/14

PRINT NO: 1 OF 6  
SCALE: 1"=30'  
AS-BUILT:

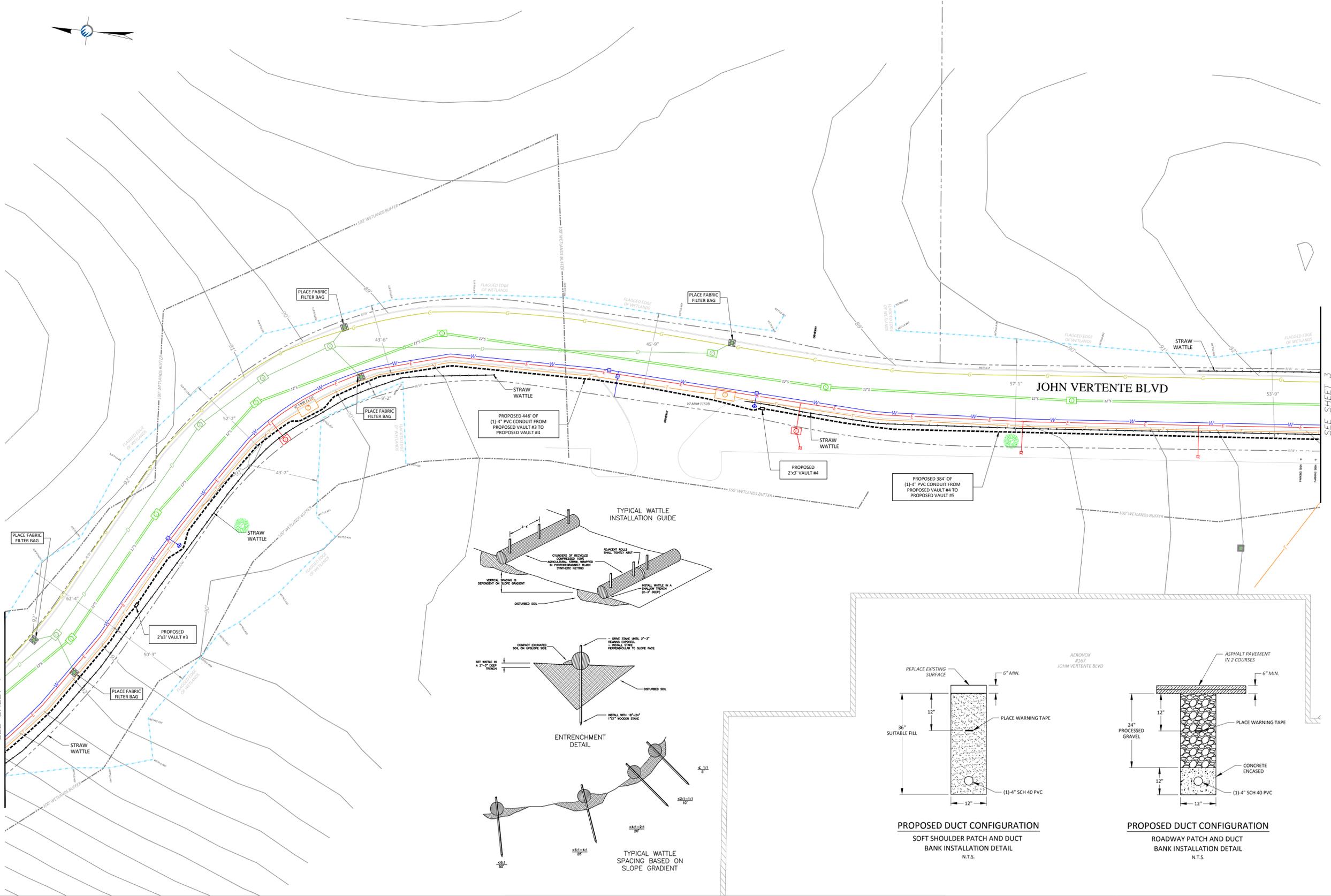
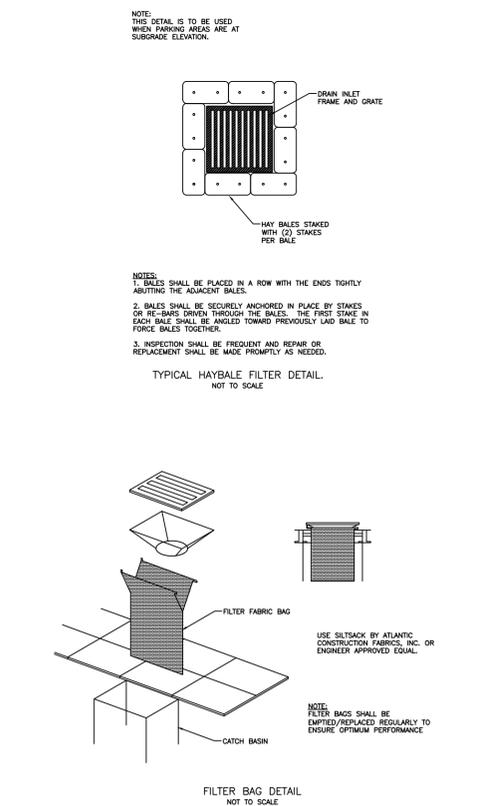


SEE SHEET 2

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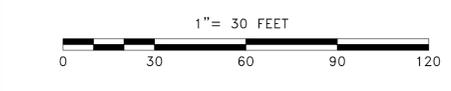
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**NOTES:**

**CURRENT ROAD CONDITIONS:**

PAVEMENT: ASPHALT  
 CURBING: GRANITE  
 SIDEWALK(S): CONCRETE



| LEGEND      |                    |
|-------------|--------------------|
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PREPARED FOR:  
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**TITLE:**  
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 COMCAST - WETLANDS PLAN

SURVEYED BY: UCS  
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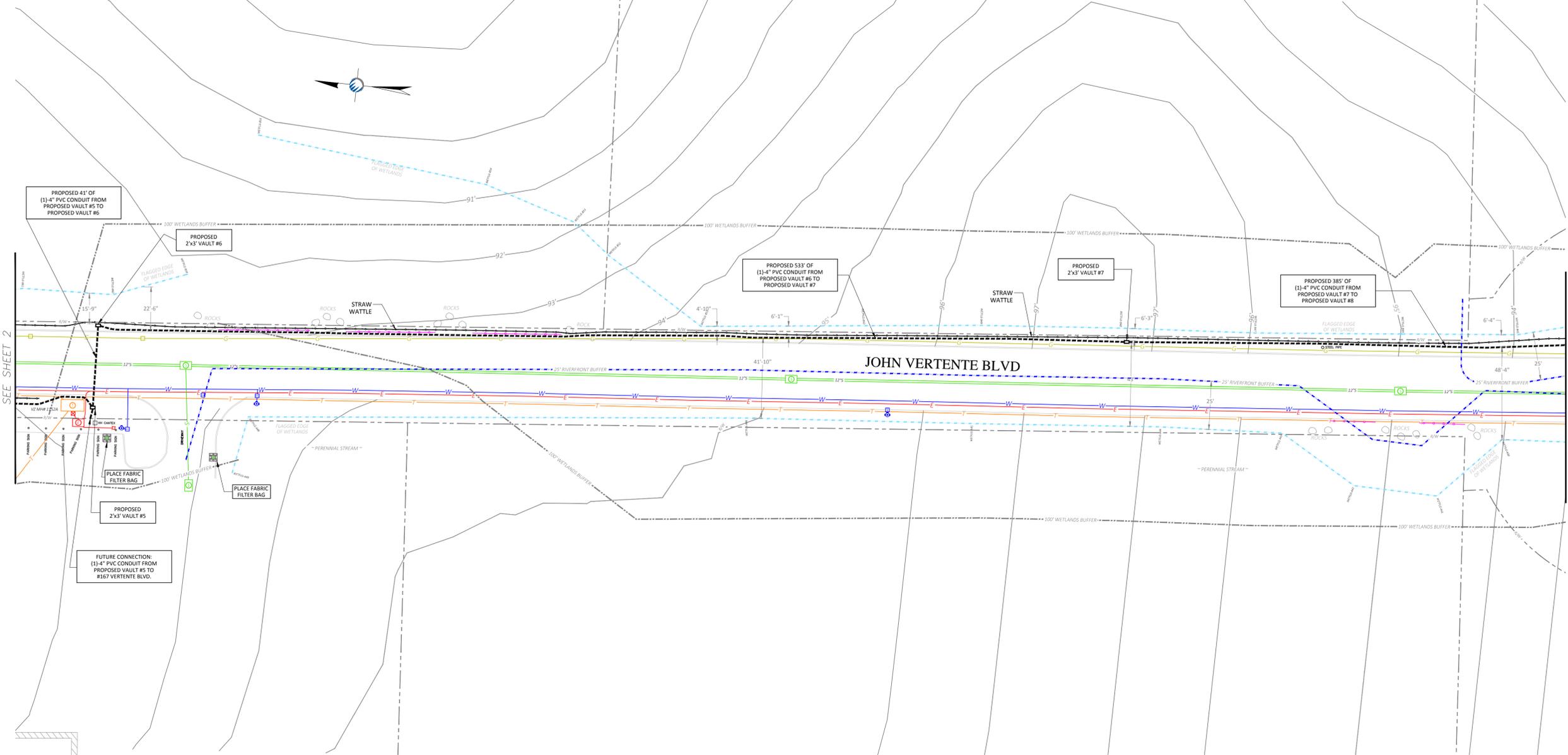
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**GENERAL NOTES**

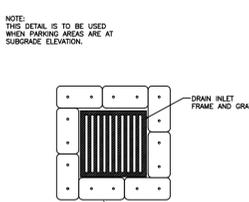
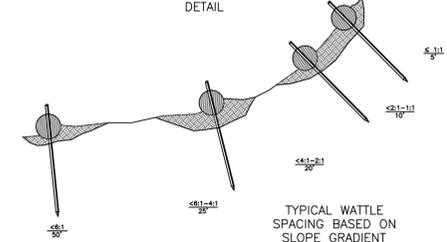
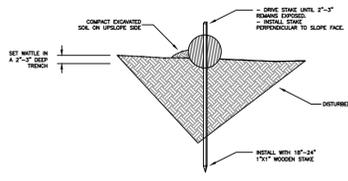
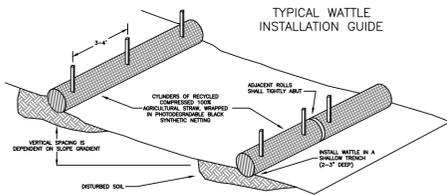
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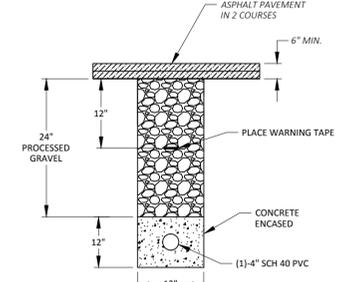
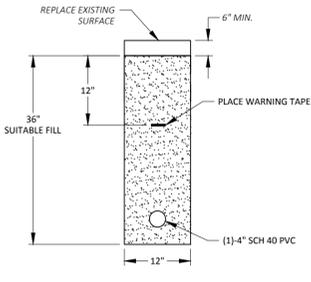
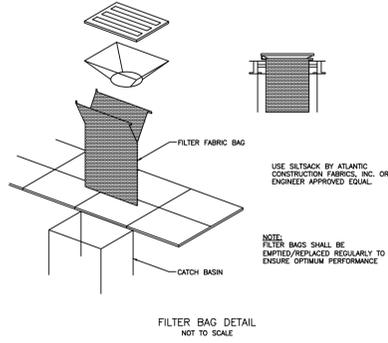


SEE SHEET 2

SEE SHEET 4



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 SIDEWALK(S): CONCRETE



| LEGEND |                    |   |                  |   |              |   |                  |       |                  |
|--------|--------------------|---|------------------|---|--------------|---|------------------|-------|------------------|
| X      | ELECTRIC POLE      | ⊗ | COMM PEDESTAL    | ⊙ | SEWER MH     | ☐ | MAIL BOX         | -R/W- | RIGHT OF WAY     |
| ⊗      | JOINT UTILITY POLE | ⊞ | IRRIGATION VALVE | ⊙ | DRAIN MH     | ⊞ | STONE BOUND      | -<    | CULVERT          |
| ⊗      | LAMP POST          | ⊞ | WATER METER      | ⊙ | TELEPHONE MH | ⊞ | PARKING METER(S) | -     | GUARD RAIL       |
| ⊗      | TRAFFIC LIGHT      | ⊞ | GAS METER        | ⊙ | ELECTRIC MH  | ⊞ | STEEL POST       | -     | FENCE            |
| ⊗      | STREET LIGHT       | ⊞ | SEWER GATE       | ⊙ | CATV MH      | ⊞ | SIGN POLE        | -     | ELECTRIC VAULT   |
| ⊗      | ELECTRIC HH        | ⊞ | GAS GATE         | ⊙ | WATER MH     | ⊞ | UG CABLE MARKER  | -     | TRAFFIC HH       |
| ⊗      | TEL HH             | ⊞ | WATER GATE       | ⊙ | PAG          | ⊞ | TRANSFORMER      | -     | PROPOSED HH      |
| ⊗      | CATV HH            | ⊞ | HYDRANT          | ⊙ | BUSH/SHRUB   | ⊞ | CATCH BASIN      | -     | PROPOSED CONDUIT |

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 Innovative Thinking. Engineered Solutions.  
 21 OXFORD RD  
 MANSFIELD, MA 02048  
 www.ucseeng.com 1-508-337-7600

PREPARED FOR:  
**Comcast**

TITLE:  
**WETLANDS PLAN - JOHN VERTENTE BLVD.**  
 NEW BEDFORD, MA  
 COMCAST - WETLANDS PLAN

SURVEYED BY: UCS  
 PRINT NO: 3 OF 6

DRAWN BY: MPO  
 SCALE: 1"=30'

DATE: 10/20/14  
 AS-BUILT:

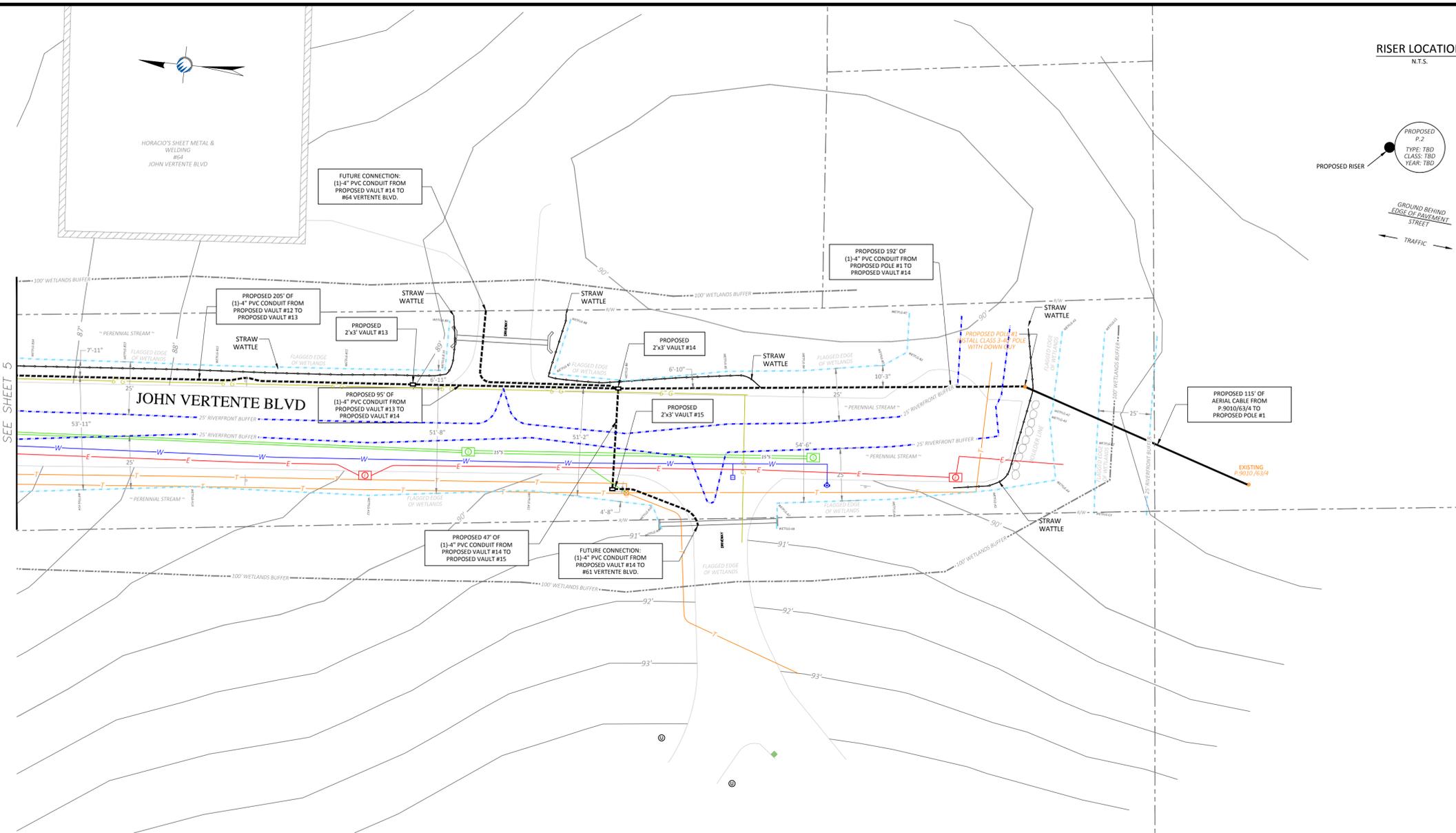




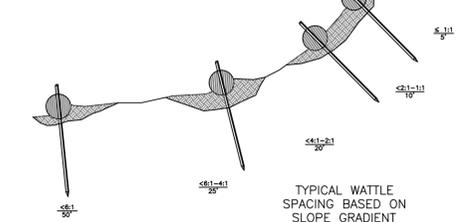
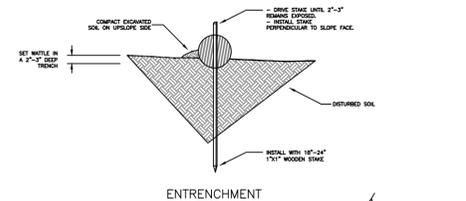
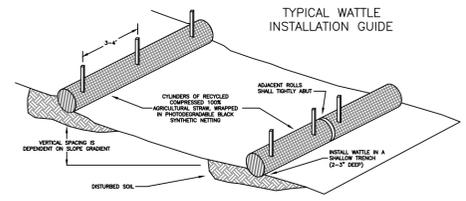
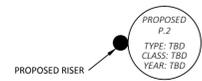
**GENERAL NOTES**

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
3. THE CONTRACTOR SHOULD MAINTAIN A SEPARATION OF 18 INCHES MIN. WHEN CROSSING EXISTING WATER FACILITIES.
4. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANY.
5. THE CONTRACTOR SHALL NOT DISTURB PUBLIC TREES AND SHRUBS.
6. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING AND MAINTAINING TEMPORARY RESURFACING AND/OR PLATING FOR ALL EXCAVATIONS IN PAVED STREETS AND SIDEWALKS UNTIL PERMANENT RESURFACING IS COMPLETE.
8. JOINTS BETWEEN NEW BITUMINOUS CONCRETE ROADWAY PAVEMENT AND SAW CUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN AND BACK SANDED.
9. THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL EXISTING UTILITY LINES THAT BECOME EXPOSED DUE TO EXCAVATION REQUIRED TO INSTALL THE PROPOSED CONDUIT.
10. THE CONTRACTOR SHALL REPLACE ALL DISTURBED TRAFFIC SIGNAL LOOP DETECTORS TO GOOD WORKING CONDITION AS REQUIRED BY THE LATEST STANDARDS OF THE MUNICIPAL TRAFFIC DEPARTMENT.
11. ALL EXISTING STATE, COUNTY, CITY, AND TOWN LOCATION LINES AND PRIVATE PROPERTY LINES HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND THEIR EXACT LOCATION ARE NOT GUARANTEED.
12. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT MARKINGS IN THEIR ENTIRETY THAT HAVE BEEN DAMAGED BY TRENCH EXCAVATION OR OPERATIONS OF THE CONTRACTOR WITH SIMILAR COLOR AND SIZE THERMOPLASTIC MARKINGS.

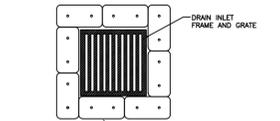
\* - ITEM SHOWN ON UTILITY RECORDS, BUT NOT FOUND IN FIELD.



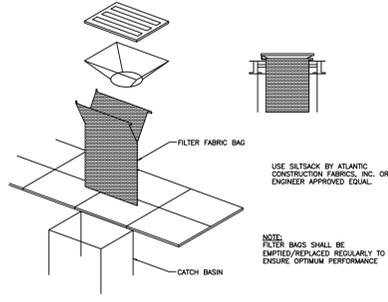
**RISER LOCATION**  
N.T.S.



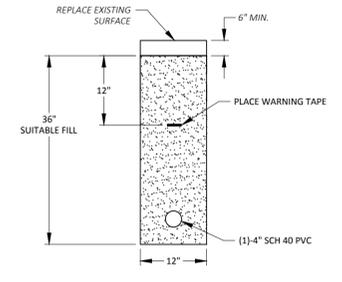
NOTE:  
THIS METAL IS TO BE USED WHEN PARKING AREAS ARE AT SUBGRADE ELEVATION.



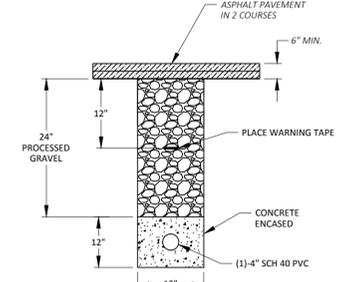
NOTES:  
1. BALES SHALL BE PLACED IN A ROW WITH THE ENDS TIGHTLY ADJUTING THE ADJACENT BALES.  
2. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY Laid BALE TO FORCE BALES TOGETHER.  
3. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.



FILTER BAG DETAIL  
NOT TO SCALE



PROPOSED DUCT CONFIGURATION  
SOFT SHOULDER PATCH AND DUCT BANK INSTALLATION DETAIL  
N.T.S.



PROPOSED DUCT CONFIGURATION  
ROADWAY PATCH AND DUCT BANK INSTALLATION DETAIL  
N.T.S.

| REV # | DESCRIPTION                   | DATE     |
|-------|-------------------------------|----------|
| 1     | REVS FROM LEC ENV. MPO        | 10/23/14 |
| 2     | REVS FROM DAVE FLEWELLING JKM | 10/23/14 |
| 3     | REVS PER MARK MANGANELLO MPO  | 10/31/14 |
| 4     | REVS PER MARK MANGANELLO MPO  | 11/04/14 |

NOTES:  
EXISTING UTILITIES SHOWN ARE APPROXIMATE AND NOT WARRANTED TO BE CORRECT. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO BEGINNING ANY EXCAVATION.

**CALL BEFORE YOU DIG UNDERGROUND SERVICE ALERT 72 HOURS NOTICE REQUIRED. ENTER 1-888-DIG-SAFE**

NOTES:  
**CURRENT ROAD CONDITIONS:**  
PAVEMENT: ASPHALT  
CURBING: GRANITE  
SIDEWALK(S): CONCRETE



| LEGEND |                    |   |                  |   |              |   |                  |              |                  |
|--------|--------------------|---|------------------|---|--------------|---|------------------|--------------|------------------|
| X      | ELECTRIC POLE      | ⊗ | COMM PEDESTAL    | ⊙ | SEWER MH     | ⊞ | MAIL BOX         | -R/W-        | RIGHT OF WAY     |
| ⊗      | JOINT UTILITY POLE | ⊞ | IRRIGATION VALVE | ⊙ | DRAIN MH     | ⊞ | STONE BOUND      | -CULVERT-    | CULVERT          |
| ⊗      | LAMP POST          | ⊞ | WATER METER      | ⊙ | TELEPHONE MH | ⊞ | PARKING METER(S) | -GUARD RAIL- | GUARD RAIL       |
| ⊗      | TRAFFIC LIGHT      | ⊞ | GAS METER        | ⊙ | ELECTRIC MH  | ⊞ | STEEL POST       | -FENCE-      | FENCE            |
| ⊗      | STREET LIGHT       | ⊞ | SEWER GATE       | ⊙ | CATV MH      | ⊞ | UG CABLE MARKER  | -ELEC-       | ELECTRIC VAULT   |
| ⊗      | ELECTRIC HH        | ⊞ | GAS GATE         | ⊙ | WATER MH     | ⊞ | TRANSFORMER      | -TRAFF-      | TRAFFIC HH       |
| ⊗      | TEL HH             | ⊞ | WATER GATE       | ⊙ | PAG          | ⊞ | TRANSFORMER      | -PROPOSED-   | PROPOSED HH      |
| ⊗      | CATV HH            | ⊞ | HYDRANT          | ⊙ | BUSH/SHRUB   | ⊞ | CATCH BASIN      | -DASH-       | PROPOSED CONDUIT |

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